

Certificate Program in Cosmetics and Sanitary Formulations

The Certificate Program in Sanitary and Cosmetic Formulations teaches the essentials of advanced cosmetic science, sanitary formulations and formulation skills to ensure the development of safe, stable and efficacious formulations along with essential quality checks.

Duration

The course will be conducted within a Maximum of six months duration consisting of a total of 30 hours contact/online classes

Expenditure

The expenditure related to the programmes (Resource person fee, Expenditure for Chemicals) will be generated from the students as Course Fee (1500/student)

PROGRAM OUTCOMES

PO1: Classify and define Cosmetics and Cosmeceuticals as per Indian and EU regulations

PO2: Describe the role of ingredients in the formulation of cosmetics

PO3: Explain the fundamentals of soaps and detergents.

PO4: Better understanding of Floor cleaners and Toilet cleaners

PO5 Understand basic tests and how to create some basic formulations

SYLLABUS THEORY (20 HOURS)

Module 1: Soaps and Detergents

History of Soap, Different types of soaps, cleansing action of soap

Detergents, Classification,

Advantageous of detergents over soaps

Environmental effects of detergents

Module 2: Pain Balm, Shampoos, Face cream, lip balm

Composition of Sanitizer, pain balm, Face cream, lip balm
and Shampoos

Different types of shampoos

Module 3: Fabric Stiffener, Dish Washes and Hand Washes

Composition of fabric stiffener, Dish washes different types and its formulations,

Module 4: Toilet Cleaner, Floor Cleaner

Composition of toilet cleaner, Different types,

Different types of floor cleaner

Chlorine based, Solvent based, Phenol based and Pine oil based floor cleaner

Module 5: Testing, Toxicology Effects Of Cosmetics

Basic characterization of Soaps

TFM Value, Acid value, Iodine value, Saponification Value

PRACTICALS ((10 HOURS))

Hands on training for the preparation of the following formulations

- Different types of Soaps and Detergents
- Pain Balm ,Shampoos, Lip balms, Face creams,
- Fabric Stiffener, Dish Washes And Hand Washes
- Toilet Cleaner, Floor Cleaner